



List of Component

No. PN000070 Rev.A

Date 2021/04/20

Item	Transistor
Part No.	BSS138BKAHZGT116
Product mass	8.0131 mg

Company Name	ROHM Co., Ltd.
Address	21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan

No.	Part Name	Substance Name	CAS No.	Mass (mg)	Concentration (wt%)	Remark
1	Mold compound	Silica	60676-86-0	3.378139	70.99764	
2		Epoxy resin	29690-82-2	0.475820	10.00022	
3		Epoxy resin	85954-11-6	0.095205	2.00091	
4		Phenol resin	-	0.285512	6.00056	
5		Aluminum hydroxide	21645-51-2	0.499622	10.50044	
6		CarbonBlack	1333-86-4	0.023801	0.50023	
7	Lead frame	Iron	7439-89-6	1.527604	58.00000	
8		Nickel	7440-02-0	1.106196	42.00000	
9	Leadframe surface treatment	Copper	7440-50-8	0.351200	100.00000	
10	External plating	Tin	7440-31-5	0.177000	100.00000	
11	Capacitor element	Silicon	7440-21-3	0.076802	94.12000	
12		Gold	7440-57-5	0.004798	5.88000	
13	Bonding Wire	Gold	7440-57-5	0.011401	100.00000	

Remarks

- All information in this document is furnished for exploratory or indicative purposes only.
- This information provides estimates of the average weights and content of component materials. And does not include impurities or metals diffused in the silicon.
- The contained volume/mass is a calculated value. For this reason, there are cases when the total volume/mass may differ from the product volume/mass.
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